

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,830,660 B1  
DATED : December 14, 2004  
INVENTOR(S) : Yamauchi et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 54, please delete "guessed" before "obtained".

Column 3,

Lines 17 and 22, please change "(TIE)" to -- (TI<sub>6</sub>) --; and  
Line 58, please delete "particularly noticed".

Column 4,

Line 30, please delete "an" after "showing".

Column 5,

Line 7, please change "(AF)" to -- (A ~ F) --.

Column 6,

Lines 20 and 22, please change "likewise" to -- like --.

Column 7,

Line 16, please delete "paid" before "gradually".

Column 9,

Line 3, please change "a" to -- an --;  
Line 6, please change "an" to -- a -- after "having", and  
Line 8, please change "less" to -- more --.

Column 10,

Line 2, please change "medium" to -- middle --, and after "coalification" please insert -- degree and low fluidity --; and  
Line 9, please insert -- hard -- after "fluidity".

Signed and Sealed this

Thirty-first Day of May, 2005



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*